

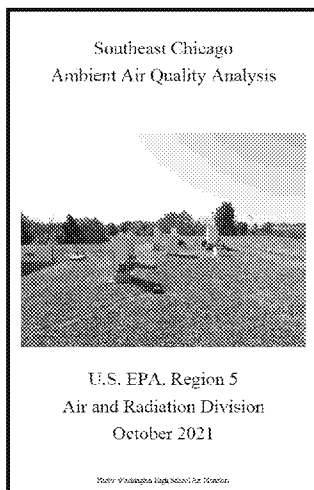


U.S. EPA Southeast Chicago Air Monitoring Analysis

November 4, 2021



U.S. EPA Air Quality Report



- EPA released report on 10/21/21
- You can read it here:
<https://www.epa.gov/il/southeast-chicago-ambient-air-quality-analysis>
- EPA began analysis of air monitoring data last spring
- This report is just one input into the HIA

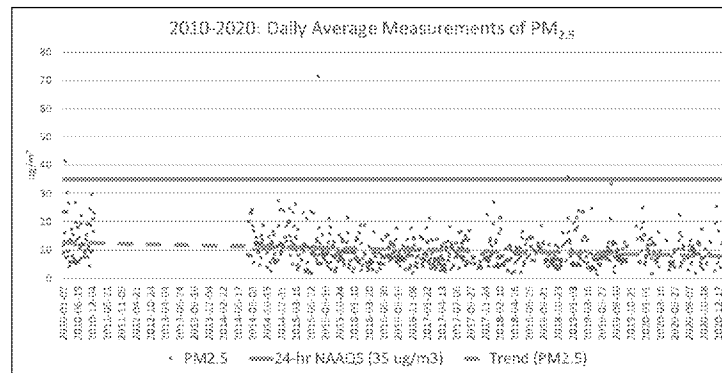
gold-standard regulatory air monitor operates at George Washington High School
EPA wanted a data-driven approach to understand air trends in the community

monitoring data has its limitations
the HIA will assess other environmental impacts and information on population vulnerability, including public health data
this report is neither a full evaluation of impacts in this community nor a disparate impact analysis



Report Findings

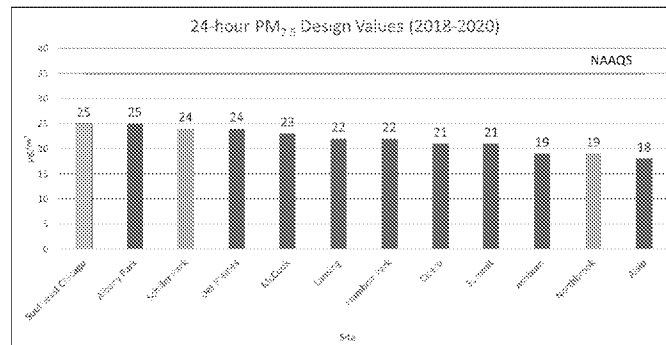
- Concentrations of pollutants measured at George Washington High School:
 - have either decreased or remained the same over the past 10 years
 - have either decreased or remained the same—with the exception of coarse particulate matter (soot or PM_{10})—over the past 3 years
- Over the last 10 years, annual averages of all metals—like lead and manganese—have been below the long-term health benchmarks





Report Findings

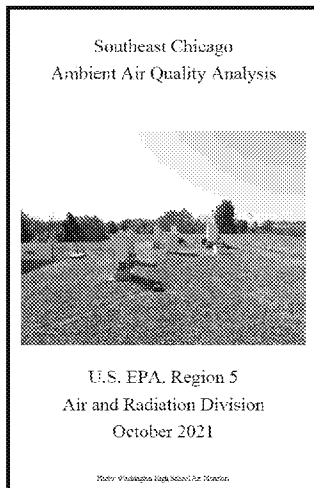
- When compared to similar data collected in the Chicago area, Southeast Chicago:
 - is tied for the highest daily fine particulate matter
 - ranks 6 of 12 for annual fine particulate matter
 - ranks 2 of 3 for annual coarse particulate matter
- The most recent 12-month rolling averages of manganese near facilities, where EPA required special monitoring, are all below the long-term health benchmark



Address Mn pollution through enforcement efforts and the City's bulk handling ordinance



Key Takeaways



- ✓ Report is data-driven approach to understand air monitoring trends in the community
- ✓ EPA's report is just one input into the HIA
- ✓ While much progress has been made, EPA recognizes that there is still more work to be done
- ✓ EPA will continue to engage with the community and partners on improving air quality

60+ inspections

No other neighborhood in the Midwest where this has happened